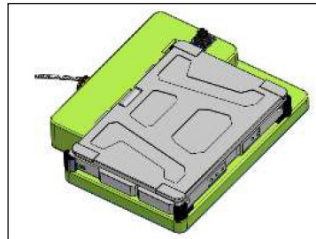


PBPS-19

Portable border patrol system



PBPS-19 is an optoelectronic observation-measuring device applied for observation by more various and complementary sensors which observe zone of interest in same time for acquisition data. Also used for detection and identification targets of interest during day, night and in low visibility conditions.

Technical characteristics:

- Laser type Class 1 (IEC 60825) or Nd:Yag
- Laser wave length 1064 nm or 1540 nm
- Laser energy ± 15 mJ
- Laser beam divergence ≤ 1.3 mrad
- Distance measuring range $\geq 180-20000$ m
- Distance measuring accuracy ± 2 m
- Measured distance display for 2 targets
- Measuring distance frequency ≥ 6 measuring/min.
- Transfer data RS 232
- Day channel Digital zoom 16x, Optical zoom 30x
- Thermal camera DRI (customer requirements)
- Thermal camera detector type uncooled, Vox
- Thermal camera resolution 640x512 pixels
- Thermal camera digital zoom 2x, 4x
- Digital magnetic compass Accuracy of measuring angle by vertical $0,5^\circ$
- Compass measuring frequency 20 measures/s
- GPS position accuracy in H/V plane 2 m/4 m
- Pantilt accuracy 0.05°
- Pantilt communication Ethernet 10/100 Base-T/WiFi

Basic characteristics:

- multisensor electronic block
- pantilt-positioner
- laser rangefinder IEC 60825 eye-safe
- laser wavelength 1064 nm (optional 10540 nm)
- distance measuring range 1 80-22500 m
- communication interface Ethernet 10/100 Base-T/WiFi
- filled with nitrogen
- impact and vibration resistant

Application:

- orientation guns of interest
- detection and measuring target dista

